

PRATHAMESH CHAKOTE

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SKILLS

Programming Languages: Swift, Objective-C, JavaScript, Java, Python,

Frameworks: UIKit, CoreData, CoreML, MLKit, SwiftUI, CoreAnimation, Combine, XCTest, OCMock

Tools: Xcode, AWS, Jira, Postman, Jupyter, Git, TestFlight, Docker, PostgreSQL, MySQL

Coursework: Computational Imaging, Machine Learning, Artificial Intelligence, LLM Code, Generative Security Application, Design and Analysis of Algorithm, Data Engineering, Data Mining, Unit Testing

WORK EXPERIENCE

iOS Developer | Cavista Technology Private Limited, India

Sept 2022 – Sept 2023

- Contributed to the Axxes Home Health app, adding features such as multiple attachments to messages, integrating patient visit notes, and publishing the app on the App Store.
- Developed **6+** crucial features and fixed **80+ bugs** to enhance user engagement and functionality.
- Improved the product quality by **10%** through code review, code refactoring, and writing unit tests.
- Utilized Firebase Crashlytics to diagnose and fix bugs, improving app efficiency by **15%**, and helped build a CI/CD pipeline to streamline the development process, enhancing release speed and overall productivity.
- Utilized Combine framework and Core Data to create an offline-capable application, impacting a 30% increase in seamless user experience and ensuring data availability, even without internet connectivity.

Software Engineer (iOS) | Raja Software Labs, India

Aug 2020 – April 2022

- Coding features for the **LinkedIn iOS** app (48M+ downloads) using Swift, Objective-C, with over **100** commits.
- Worked on various internal tracks such as Feed, Events, Premium, Jobs, Analytics, Profile, and Notifications, notably taking full ownership of the Notifications track.
- Mastered server communications, including **Rest-API** and **GraphQL**, to fetch required data and display it on UI.
- Upgraded old code bases to modern development standards, as migrated code from Objective C to the Swift language, reducing operating costs and reducing build time by 8%.
- Developed unit and UI tests to ensure codebase stability, improving application reliability and reducing bugs by 12%.

PROJECTS

Food Order Mobile Application | SwiftUI, XCode, Swift, JSON | 

- The Appetizer iOS App is a streamlined application designed for both restaurant and food delivery contexts. This app simplifies the process of selecting and managing appetizer orders.
- Leveraging the efficiency and elegance of Apple's SwiftUI framework, this application offers a user-friendly interface across 3 primary screens: Home, My Account, and Orders.
- Created CI/CD pipeline using GitHub actions and Fastlane to streamline the development process.

Intelligence Analysis Agentic AI App | Python, GPT-4, Gemini API, msticpy | 

- Engineered a modular Threat Intelligence Analysis platform using Python and Streamlit, integrating VirusTotal and IPInfo APIs to perform real-time threat assessment and geolocation analysis of suspicious IPs.
- Implemented an AI-powered analysis system using Google's Gemini Pro model to automate threat scoring and risk assessment, reducing manual analysis time by leveraging React and Plan-Execute agents.

Image Classification App. | SwiftUI, XCode, Swift, CoreML | 

- Developed a SwiftUI application that utilizes CoreML to classify images captured through the device camera or selected from the photo library.
- Implemented a structured approach to efficiently process and display classification results with confidence percentages using the MobileNetV2 model.

EDUCATION

Master of Science in Computer Science

Portland State University, Portland, Oregon

Sept 2023 - Jun 2025

CGPA 3.97/4.0

Bachelor of Technology in Computer Science and Engineering

Shri Guru Gobind Singhji Institute of Engineering, Nanded, India

Aug 2016 - July 2020